

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20	119/14.02-14.55.ccls. and ((pulse) same ((remov\$3 or releas\$3 or drop\$1off) adj2 teat \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/27 09:06
L2	55	119/14.02-14.55.ccls. and (((vacuum) same ((remov\$3 or releas\$3 or drop\$1off) adj2 teat \$1)) same (wash\$3 or clean\$3 or flush\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/27 09:21
L3	6	119/14.02-14.55.ccls. and (drain same (backflush or backwash or one\$1way valve))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/27 09:31
S1	0	duke-james.in. and ("119"/\$. ccls. and milk\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/23 10:46
S2	0	james-duke.in. and ("119"/\$. ccls. and milk\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/23 10:46
S3	181	119/14.54,14.54.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/23 10:46
S4	409	119/14.47,14.51.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/23 10:50
S5	2	((("4516530") or ("6308655")). PN.	USPAT; USOCR	OR	OFF	2010/08/23 12:11
S6	15	("1089839"   "2334481"   "4034713"   "5134967"   "5161482"   "5275124"   "5568788").PN. OR ("6308655"). URP.N.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/08/23 12:15
S7	1	("5762020").PN.	USPAT; USOCR	OR	OFF	2010/08/23 12:32

S8	3	duke.in. and ("119"/\$.ccls. and milk\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/23 12:42
S9	532	119/14.08.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/24 10:23
S10	173	119/14.08.ccls. and ((clean\$3 or flush\$3 or discharg\$3 or wash \$3) same (teat cup\$1 or liner))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/24 10:24
S11	12	("4305346"   "5211961"   "5383423"   "5673650"   "6098570"   "6155204").PN. OR ("6321682").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2010/08/24 10:35
S12	48	("2532088"   "20020185071"   "3713423"   "4332215"   "4498419"   "4572105"   "4924809"   "5673650"   "5850845"   "6098570"   "6234110"   "6318299"   "6321682"   "6435132"   "6550420"   "6755153"   "6935270"   "6997136"   "7178480"   "7281493"   "7290497").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/24 11:42
S13	3	("2002/0185071").URPN.	USPAT	ADJ	OFF	2010/08/24 11:48
S14	21	(US-20070215053-\$ or US-20080202433-\$ or US-20090050061-\$ or US-20090165724-\$ or US-20020185071-\$).did. or (US-4516530-\$ or US-6308655-\$ or US-5762020-\$ or US-4924809-\$ or US-6234110-\$ or US-6550420-\$ or US-6935270-\$ or US-7401573-\$ or US-5809931-\$ or US-6321682-\$ or US-5383423-\$ or US-7448344-\$ or US-6561126-\$).did. or (EP-277396-\$ or EP-535755-\$ or WO-8700396-\$).did.	US-PGPUB; USPAT; EPO	ADJ	OFF	2010/08/24 13:43
S15	14	S14 and (remov\$3 same (teat cup\$1 or cluster or claw or clawpiece or teat\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/24 13:44

S16	444	"119"/\$.ccls. and milk\$3 and ((cluster or claw or teat cup\$1) same (drain\$3 or inver\$4 or (upside down) or hang\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/25 09:09
S17	15	S16 and (non\$1return valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/25 09:21
S18	55	119/14.47,14.51,14.08.ccls. and ((overflow\$3 or drain\$3) same valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/25 15:12
S19	26	119/14.47,14.51,14.08.ccls. and (shut\$1off valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	OFF	2010/08/25 16:16

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